Vinay Kumar V C

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Professional Summary

Software Development Engineer with over 2 years of experience building scalable CRM and web applications. Skilled in Java, Python, JavaScript, Spring Boot, and REST APIs. Delivered impactful features such as Rich Text Editor and Formula Field Support at Zoho CRM, leading to improved customer satisfaction and reduced manual errors. Strong foundation in software development lifecycle (SDLC), data structures, algorithms, and full-stack development. Solved 240+ problems on LeetCode.

Skills

- **Programming Languages:** Java, Python, JavaScript, SQL
- **Frameworks:** Spring Boot, Django
- **Databases:** PostgreSQL, MySQL
- **Tools & Platforms:** Git, Vercel, REST API, Data Structures & Algorithms

Work Experience

Zoho CRM, Chennai | Member of Technical Staff | Aug 2022 – Present

- Developed a **rich text formatting feature** (bold, italics, lists, colors) using Java, Spring Boot, and JavaScript, adopted by over 4000 organizations and increasing customer satisfaction by **14 percent.**
- Built **formula fields with DFS-based logic** for flexible updates, enabling creation of custom computed fields and reducing manual entry errors by **15 percent within 3 months.**
- Improved performance of CRM data retrieval by optimizing API and storage design, reducing response time by **0.4 seconds** for large content pages.
- Introduced **now() function** support in formula fields for real-time timestamping, enhancing automation and data tracking use cases.

10 Seconds, Bangalore | Project Trainee | Oct 2021 – Feb 2022

- Developed two full-stack web applications using Django, Flask, and PostgreSQL with a focus on backend logic, database integration, and deployment.

Education

SKSJTI (VTU),Bangalore
Bachelor of Engineering (Computer Science) | 2018 – 2022 | CGPA: 8.5/10

- Key Subjects: Data Structures and Algorithms, Databases, Operating Systems, OOPs, Machine Learning

Vidya Kirana PU College, Bangalore
12th Grade (PUC) | 2016 - 2018 | 87%

Projects

Expense Tracker with Session Management - 2024
Designed and deployed a secure expense-tracking with session management using Node.js, Express, and PostgreSQL, deployed on Vercel.
Link: https://vav-it-is.vercel.app

AI-Based Yoga Posture Detection - 2022
Built a real-time posture correction tool using Python, Mediapipe(Basic), and Flask, reducing user posture errors by 7% through custom image datasets within our project.

Portfolio Website - 2023
Created a responsive portfolio showcasing 3+ projects using Django, Flask, and Vercel.
Link: https://vinaykumarvc2023.vercel.app

Library Management System - 2019
Constructed a web application for tracking book availability and issuances(publication, distribution, release, granting, and supply) using HTML, CSS, JavaScript and MySQL, enhancing DBMS proficiency.

Achievements

- **LeetCode:** Solved **250+ problems**, mastering **12+ DSA patterns**.
- **Academic Excellence:** Ranked among top **5%** in coding competitions and college exams during B.E. studies.